

## Multi-phase electric motor regulation system

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### Abstract of **DE4228899**

The regulation system controls revolution speed and/or position of at least one electric motor using a single Hall sensor providing signals exhibiting a potential and/or phase shift. The motor control signals (A) are obtained from the Hall sensor signals using a controller employing an unregulated voltage. Pref. the electric motor is controlled by clocked pulse width modulated or pulse length modulated signals with their timing corrected in dependence on the time or angle dependent phase shift in the sensor signals.

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